COAL FROM MISSOURI STANDS HIGHEST

Exhaustive Tests Show That It Possesses Properties Superior to the Illinois Product.

EXTENT OF MINERAL FIELDS

Samples Were Taken From Fifty-Eight Mines and Experiments Conducted for More Than a Year at State University.

REPUBLIC SPECIAL.

Columbia, Mo., March 8. - Misseuri coal shows a higher fuel value than the best of coals from Illinois. This is the judgment of Dean H. J. Waters of the Missouri State University agricultural department, and it is based upon exhaustive tests that have covered a period of one and one-half years. It is not to be denied that Missouri heretofore has not had the reputation for its coal with large manufacturers as that enjoyed by Illinois. As a consequence of this, the large manufacturing plants have been constantly buying and shipping coal long distances and paying larger prices under the impression at they were getting superior coal.

. The investigation of the question made by the mechanical engineering department of the university, together with the experiment station, covered all the important commercoal coal mines in the State. These were subjected to both careful chemical analysis and burning tests. As stated, it was found that Missouri coal compared very favorably with the best coals of Illinois, and a number of Missouri coals show a higher fuel value than the best conis of that State. This is especially noteworthy when it is rememberrel that coal is the most important mineral product of the State. It is also a quesdon that has never been scientifically investigated heretofore.

Analytic Test Made.

The samples which were used in these departments and which each weighed forty pounds, were taken by Professor C. W. Marx personally at the face of every mine, placed in Mason fars, properly sealed. Without the less of time these various samples were sent to the experiment station laboratory, where all analytical work was done. The heating value of the coal depends chiefly upon the per cent of fixed carbon, and is materially affected by the per cent of ash, masture and sulphur in the form of gypsum. The amount of ash in the commercial product depends in great measure upon the care taken at the mines in cleaning it before shipment.

These two departments claim that if a coal contain a large per cent of moiscure and hydrogen, not only will the number of heat units derived be reduced by evaporat-ing this moisture present and formed, but also by heating this aqueous vapor to the temperature of the chimney, all of this heat escapes, and in no way serves to fur-nish heat to the boller.

If a real is high in the percentage of ash, not only will its heat value be diminished, but the quantity of ash and clinker resting upon the grate bars will tend to reduce the diaft area, and hence will prevent perfect combustion. Moreover, the gases which would otherwise burn and produce heat with a proper air supply are in danger of company unburned. A coal high in content of ash demards a stronger draft and a larget grate area than one with a lower con-tent. A boiler furnace should be designed nearly as possible for a given quality of coal, from widen it is evident that with given grate area the quality of the coul combes in a great measure the capacity

Extent of Cont Fields.

Extent of Conl Fields.

There are four beds of coal in Missouri that have been determined. The Bevier coal led commences in the northeastern portion of Andram County, extending southwest of Fulton as the eastern/fimit, in the form of a toot it extends westward and north, taking in the northeast of Howard County, the west of Randolph, the northeast of Chariton, the west of Macon, Adair and Schuyler counties and the east of Linn, Sullivan and Primam, it extends on northward into lowa, in a large portion of Sullivan and Adarrhelds Tebo coal is found. The Lexington coal field takes in the greater portions of Caldwell, Ray, Lafayette, Jackson and Claycounties. Another Tebo coal field has been determined in Henry County, small portions extending into Bates and Johnson counties. The Rich Hill coal fields are in the extreme western part of the State, in the western haives of Vernon, Barten and a portion of Bates County.

haives of Vernen, Barton and a potential Bates County.

Commercial mines in coal beds of undetermined extent are found at Trenton, in Grundy County, and at Knob Noster, in Johnson County. It is supposed that these are the outcroppings of the same coal field, and that those just mentioned comprise that field.

It has been ascertained that the Bevier It has been ascertained that the Bevier coal bed is the thickest and has the widest distribution. In this field the roof is a sandy shafe, sometimes occurring as sandstones, it is solid enough to furnish a safe roof when properly supported, and in some places is safe enough for long wall mining. All through the southern end of this coal field the coal bed consists of two layers of coal with a 1-inch parting of shale. North of Adair County this shale seems to thicken and finally to become thick enough to separate the bed into two independent beds with several feet of shale between them.

Lexington Cont Bed.

Lexington Coal Bed.

The Lexington coal bed occupies a large area along the Missouri River east of Kansas City. The Kendota coal bed, when of minable thickness, covers a larger area in lowa than in Missouri and is found in Putnam and Schuyler counties and a portion of Saillvan County. The Tebo coal bed is contined chiefly to Henry County. The Jordon bed and ries a small area in the vicinity of Deepwater and Brownington, in Henry County. This bed is from \$\mathbb{L}\$ to \$\mathbb{L}\$ feet thick. The Rich Hill coal bed lies in the southwestern part of the State. It varies from \$\mathbb{L}\$ to \$\mathbb{L}\$ inches in thickness, and in some places it is a trifle thicker.

The samples that were gathered by Professor Marx and Diseter Paul Schweitzer were taken from the following lifty-four Missouri mines:

No. \$\mathbb{L}\$, Western Coal Company, and No. \$\mathbb{L}\$.

fessor Marx and Deeter Paul Schweitzer were taken from the following lifty-four Mirsouri mines:

No. 5. Western Coal Company, and No. 5. Year Coal Company, in Barton County; Brush Creek Coal Company and Upper Vein, in Jackson County; No. 14. Central Coal and Codic Company and Bush Coal Company, in Bates County; Keene Coal Company and Henry Coal Company, Roone County; the Thompson Mine, Cooper Creek Coal Company, Bowen Bros. and the Watkins Mine. In Henry County; the Kingston Mine and the Caldweil Coal Company, In Caldwell County; the Exceisior Mine, Lafayette County; Vernon Coal Company, No. 15. Rich Hill Coal Company, Bates County; Markoeline Coal Company, Bates County; Markoeline Coal Company, Bates County; Murlin Coal Company and Rombauer, Adair Coanty; Edmunds, No. 6 Farmers' Convolidated, Sliver Creek Coal Company, Back Horn Coal Company, Salt Fork Coal Company, No. 1 Higbee, Labor Exchange, No. 1 J. C. McGrew, Carter Coal Company, Glenn Oak, Lexington Coal Company, Valley Mine, No. 2 Higbee, Dover Coal Company, Jones & Davis, Randolph County; No. 70 Kansas and Texas Coal Company, No. 70 Kansas and Texas Coal Company, Richmond and Camden Coal Company, Richmond and Camden Coal Company, No. 14 Richmond and Camden Coal Company, No. 14 Richmond and Camden Coal Company, No. 14 Richmond and Camden Coal Company, No. 16 Richmond and Camden Coal Company, Jackson County; No. 8 Mendota Coal Company, Jackson County; No. 8 Mendota Coal Company, Jackson County; No. 8 Mendota Coal Company, No. 16 Richmond Emporia, in Putnam County; Missouri City Coal Company, In Richmond Emporia, in Putnam County; Missouri City Coal Company, In Richmond Emporia, in Putnam County; Missouri City Coal Company, In Richmond Emporia, in Putnam County; Missouri City Coal Company, In Richmond Emporia, in Putnam County; Missouri City Coal Company, In Richmond Emporia, in Putnam County; son County; No. 8 Mendota Coal Company. No. 2 Mendota Coal Company and Blackbird and Emporia. in Putnam County; Missouri City Coal Company. in Clay County; Grun-dy Coal Company, in Grundy County.

All of those who have been interested in these experiments, as Doctor C. W. Marx, professor of mechanical engineering; Doctor Paul Schweitzer, chemist at the Agricultural Experiment Station; C. F. Marbut, professor of geology, and Doctor H. J. Waters. Deam of the Agricultural Department, are enthusiastic over the results of their investigations. It proves that Missouri coal is deserving of a higher place than it has heretofore been accorded. Bulletins have been issued by the university giving the tabulated results, and may be had upon application to Doctor Waters, dean of the desartment. Pleased With the Result.

Simmons Hardware &

Broadway & St. Charles

Store Closes Every Day at 5:30 P.M.

Simmons Hardware & · Broadway & St. Charles

Speaking of Spring_

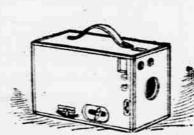
Perhaps it is a little early to talk about Spring Cleaning. March has a way of developing wintry attributes in this latitude, but the warm days are coming, nevertheless, and we are all ready to meet the needs of the season. For months we have been planning and gathering into our stocks the newest and best products of the world's ingenuity, labor-saving devices in house-cleaning, cooking, gardening. It's astonishing how many new and useful things come out every year, and if a thing has real merit you can depend upon finding it in this great store. Prices always low, but never at the expense of quality.

Special Sale of Cameras.

This week we make some sweeping reductions in prices of Cameras and Kodaks, to clean up stock and make room for new models.

We offer you choice of any Eastman Kodak in our stock at 20 per cent discount from former prices ruling to this date. If you expect to "take a camera with you," now is the time to get a bargain.

Note descriptions of following odd or sample camerascome and see them.



Box Camera, 4x5, including plate holder; formerly \$3.50, this week \$2.00. Cycle Knoxall Camera, 4x5, R. R. lens. auto-shutter; formerly \$6.50; this

week \$5.50. Cycle Wizard Camera, 4x5, R. R. lens, unicum shutter; formerly \$10.00, this week \$7.25.

Cycle Poco Camera, 4x5, R. R. lens Bausch & Lomb shutter; formerly \$10.00, this week \$7.75. Wizard Camera, 4x5, R. R. lens, uni-

cum shutter, rack and pinion, swing back; formerly \$12.50, this week

Wizard Long-Focus Camera, 5x7, lat-est improved, including telephoto lens, complete; formerly \$35.00, this week \$28.50.

Korona Cycle Camera, 5x7, instantaneous symmetrical lens, latest shutter; formerly \$15.00, this week \$10.00. Solograph Camera, 5x7, with best quality 3-focus lens and Rochester auto-shutter, complete, \$22.50. Kodak and Camera Accessories.

Printing Frame-Extra heavy, best quality; 4x5, 15c; 5x7, 20c. Focusing Cloth-Light-weight rubber,

one yard square, 25c. Plate Holders-Double rubber slide, fit any standard camera; 4x5, 20c; 5x7, 50c.

Dark-Room Lamp—Japanned, oil burn-er, double glass, exceptionally good for the price, 45c. Velox M. Q. Developer—A fresh supply this week; 6 tubes, 25c.

Tripods—3 part, nicely finished and brass head-plate, light and compact,

Special to Amateurs.

Did you get any snap shots at Prince Henry or his escort? Let us do your developing and print-We have a thoroughly equipped department for this work, do it well, quickly and at low

Our patrons are invited to make free use of our dark-room and chemicals at any time.

Cutlery Store.

We are closing out our sample line of dainty goldplated mantel and bougoir clocks at half price—don't fall to see them-all good timepieces-delicately tinted dials-ar-

It's good economy to buy when prices are lowest. They are lowest now.

Prices, \$1.75, \$2.00, \$2.25, \$2.50, \$3.75 up to \$6.50.

Comb and A great variety Clothes Brushes - Sterling silver, beaded edges, fine quality bristle, \$4.50. Brush Sets. of beautiful toibrush and mirror-hand-painted porcelain or enameled backs, edged with German silver, gold-plated-\$2.25, \$2.50, \$3.25, \$5.50 to \$6.50. Military Brushes-Ebony, sterlingsilver mounted, \$2. Aluminum, richly embossed and

chased, \$2,00 to \$4.50. Gold-plated, repousse rose design, Military Brush Sets, 3 pieces, sterling

silver, gold-plated, in satin-lined cases. \$9.75.

We carry a Silverware splendid line of Reductions. Solid Silver goods in many handsome patterns.

When selecting wedding or anniversary gifts, be sure to see our stock before purchasing. We mention a very few items to-day, some special bargains-

Solid Silver Bon Bon Spoons and Cream Ladles, worth \$1.25, 95c.

Solid Silver Coffee Spoons, engraved "St. Louis," were 75c and \$1.00, 50c. Solid Silver Berry Spoons, were \$4.00 and \$5.00, \$3.00.

Solid Silver Butter Knives, very heavy, King's III pattern, were \$4, \$3.00. Solid Silver Coffee Spoons, El Reno pattern, set of six \$3.00. Solid Silver Handle Fruit Knives,

King's III pattern, set of six \$4.00. Solid Silver Oyster Forks, King's III pattern, set of six, \$5.00. Solid Silver Teaspoons, Revere pattern,

set of six \$5.00. Pearl Handle Fruit Knives, set of six

Pearl Handle Dessert Knives, set of six \$4.50.

Fountain Pens.

The Waterman Ideal Fountain Pen combines just the qualities its Talking Machine name suggests - invaluable to bookkeepers and accountants; time and worry savers for every busy mental sounds in full volume and throw away your inkstand. Twenty the only gold medal awarded for different styles, narrow stub, oblique stub, Falcon, bookkeepers', talking machines at the Pan-\$2,50 to \$6.00 each.

We carry a complete line of medium hear them. and low priced Fountain Pens, including an excellent one for \$1.09, and one style as low as 10c.

Gold-plated, repousse rose pattern,

Celluloid Backs, \$1.75.

Quadruple-plated backs, chased satin finish, \$1.00.

Hair Brushes — Sterling silver, em-bossed in repousse floral design, very handsome, \$6.00, Mirrors-Gold-plated, ring handle, re-

pousse rose pattern, beveled glass, \$4.50.

Sterling silver, richly ornamented backs, beveled glass, \$3.00 to \$5.50.

Handsome The very latest Chatelaines, signs, in dainty Parisi an defiligree work and rich mountings. German Silver, \$1.75 to \$10.00. Sterling Silver, \$5.25 to \$25.00.

Handsome Embroidered, with cut steel beads, \$1.35 to \$8.00. Wrist Bags, in variety of mountings-German Silver, \$1.50 to \$4.00 each. Beaded, \$2.75 each.

Leather, \$1.00 to \$5.00 each. Chatelaine Bags-A magnificent assortment, including genuine hand-carved Mexican leather, in red, gray and natural colors, with very latest French gray mountings, \$1.00 to

Chatelaine Bags-In genuine seal, walrus, genuine and imitation alligator, morocco and other leathers, and a variety of mountings, 50c to Carved Leather-Our stock of hand

carved Mexican and other leather goods is the largest in the city, and owing to our unusually large purhase we are able to offer them at much ower prices than asked elsewhere. Pocketbooks, 25c to \$10.00.

Cigar Cases, 75c to \$2.00. Cigarette Cases, Soc to \$1.50. Card Cases, Soc to \$6.00. Lesther Covered Flasks, 75c to \$6. Golf Score Books. \$2 to \$2.50,

The Victor

Reproduces voices and all instruman. Try a"Waterman Ideal" and with marvelous accuracy. Received manifolding, etc. Prices rauge, American Exposition. Step in at the south entrance, see them and

Prices are \$12, \$18, \$25, \$35 and \$45.



This week we are offering some unusual bargains in Blown, Etched and Cut Glass, which will appeal very strongly to clubs and caterers, as well as to housewives, whose supply of table glassware needs replenishing. It is certain that no such values have been offered in St. Louis before, and as some lines are small we suggest an early

selection. For 25c dozen,

Whisky, Water and Champagne China, new and unique shapes, Clarets—were \$1.00. \$1.10 and \$1.25 hand-painted floral decorations,

For 50c dozen,

Cut Glass Whisky Tumblers, Etched Clarets and Goblets, Handled Lemo nade and Sherbet Cups, blown and ground and Stem Ales-were \$1.25. \$1.50, \$1.75 and \$2.10 dozen.

For 75c dozen. Footed Ales, Handled Sherbets, Etched Cordials, Apollinaris Tumblers and Cocktails-were \$2.00 and \$3.00 dozen

For \$1.00 dozen, Oyster Cocktails, Champagne Tum-blers, Clarets, Cordials, etc.—were \$2.25, \$2.50 and \$3.00 dozen.

For \$1.25 dozen. Etched Champagne Goblets, Champagne Tumblers, Wines, Cut Glass Sherries and some beautifully Etched Clarets were \$2.50, \$4.00 and \$6.00 dozen.

Remnants of R. B. Gray Cut Glass.

Fine quality, but not much left and to close out entirely and QUICKLY we make prices as foi-

Decanters, were \$8, now \$4. Ice Cream Plates, were \$5.50. now \$2.75. Finger Bowls, were \$25, now \$10 doz. Finger Bowls, were \$22 50, now \$9 doz. Champagne Tumblers, were \$20, now

Champagne Tumblers, were 89, now \$4.50 doz. Sherries, were \$18, now \$8 doz. Clarets, were \$15, now \$7 doz.

Cordials, were \$8.50, now \$4 doz.

Cordials, were \$6, now \$3 doz. Some Odd Pieces-Such as Decanters. Water Bottles, Napkin Rings, Mustard Cups, Bon-Bon Dishes, Oil and Vinegar Bottles, etc., arranged on several tables. Choice 25c, 50c and \$1.00.

Umbrella Stands.

You can buy one of these very convenient and ornamental hall furnishings at a very low price or stippled.

An Earthenware Stand, -mottled blue decoration, \$1.50. Owari China-Japanese decoration, in

deep rich blue colorings, \$1.75. Earthenware-Blended soft colorings and repousse designs, \$2.85.

Semi-Porcelain - Large size, newest designs, soft blue mottled decoration and deep gold bands, \$5.25.

Vases.

tinted groundwork, gold stippling and tracing, 8 to 12 inches tall, unprecedented values, 25c, 50c, 60c and 75c.

Vases-Japanese, from 15 inches to 3 feet tall, very artistic shapes and char-acteristic Japanese decorations— Were. \$3. \$4, \$5.50, \$13, \$33 Now. \$1.50 \$1.90 \$2.75 \$6.75 \$16.50

Italian Sculptures. All that remains of the line of

R. B. Gray stock, beautiful handcarved Italian marble busts, subjects appreciated by all lovers of art, will be offered this week at just one-half price.

Were.. \$15, \$25, \$30, \$35, \$40 Now.. \$7.50, \$12.50, \$15 \$17.50, \$20 Marble Pedestals-Handsomely carved and polished. \$6, \$8, \$11, \$15 up to \$37.50.

Dinner Sets.

Dinner Sets - 100 pieces Bavarian China, pretty shapes and hand-painted floral sprays and border, gold stippled and traced—were \$24.60, now \$16.50.

Dinner Sets—100 pieces Semi-Porcelain hand painted floral design, gold traced, 5 designs to choose from, \$10.

Dinner Sets—New shapes, floral decomptions

rations, blue or green colors, 100 price -\$6.50. Dinner Sets-100 pieces Semi-Porcelain, choice of printed border or floral

decoration, brown or green color, Fish Set Haviland China, 15 pieces, he autiful shapes and exceedingly dainty floral festoon borders, gold stippled and traced, \$15.

Fish Set-French China, 15 pieces, handsome shapes, rich gold borders and hand-painted fish decorations; 25 more designs increasingly hand-

some; many prices up to \$120. Fancy Cake Plates.

A choice collection, including several pretty shapes and entire surface decorated with either floral designs or figures, some deeptinted borders, and all gold traced

Choice \$1.00. Salad Bowls and Oyster

Plates.

All China, various tinted colors, pretty Coral decorations and gold

Oat fleal Bowls with plate, English China, some white with gold edges, others hand painted; we make sam price on all; were \$1.00. Now 50c.

Hardware Store.

Horse Goods and Stable Sundries.

Coach Whips-English Holly Stocks, braided lashes, \$1.00 and \$2.00 each. Stable Brooms-50c to 85c each. Manure Forks-65c to \$1.10 each. Lap Robes-Plush, spring weight, \$1.35, \$1.50 and up to \$2.25. Carriage Sponges-Florida sheep's wool, thoroughly good and durable assorted sizes, 35c to \$1.50 each. Horse Clippers -Hand; six kinds,

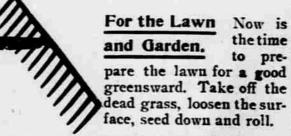
Lap Robes-Green beaver, \$3.25 to Lap Robes-Whipcord, very handsome and stylish, gray and tan shades, \$3.00, \$3.75 and \$6.00. Horse Clippers-Power; we sell the

Carriage Whips-Many styles, some very handsome, rawhide, mixed and solid whalebone, 10c to \$2.25 each.

pull off at the handles), 20c, 25c, 30c and up to 75c.

Lawn Rollers-114 lbs., single section, 12 in. wide, \$7.00; 230 lbs., double

section, 24 in. wide, \$9.00.



thetime and Garden. to prepare the lawn for a good greensward. Take off the dead grass, loosen the surface, seed down and roll.

the best makes, prices \$1.25, \$2.00, \$2.25 and \$2.75.

lightest running machine on the mar-ket, 1902 model, \$10.75; call and see

\$8.73 to \$20.

others at prices ranging from

Lawn Rakes—Malleable iron and glid Spades—All the best kinds, black or steel (the kind that will not break or pull off at the handles), 20c, 25c, \$1.10.

Garden Barrows -A large assortment, boys' and men's sizes, \$2.50, \$3.00, \$3.25 and up to \$3.75. Grass Seed-Fancy Kentucky Blue Garden Hose-Needed now to wash off

muddy sidewalks. We recommend

Grass Seed, fancy White Clover Seed or a mixture of both in proper pro-portions. We handle nothing but our Dolphin Brand, a strictly firstclass hose at a very reasonable price. 50 feet, complete with nozzle, \$6.00the finest quality, free from Canada thistle or other noxions seeds. For Other grades from \$2.75 up to \$8.00. Renovating—1 lb. sows 300 square feet; ½ bu. sows 3, 000 square feet. Hese Reels-Many styles, 75c to \$5.50.

Housefurnishing Store.

Laundry Helps.

Wash Tubs-Wood-With band and wire hoops, good quality, 65c to Iron-Galvanized, 50c to 80c each. Fiber-Various sizes, 65c to \$1.25 each Wringers-Iron frame, adjustable roll-

ers. \$2, \$2.25 and \$2.50. Wringers-Hardwood frame, to fit any tub. Prices, \$2, \$2.59, \$3.50 and \$4.00.

Wringers—The True Blue, absolutely the best wringer made, solid rubber rolls, steel ball bearings, \$4.00, \$5.00

and \$6.00. Clothes Mangle-Splendid for sheets table cloths, etc.; polished hardwood rollers, 24 inches wide, ball bearings,

Washing Machines-The Western Star-Old reliable, \$2.75

The Anthony Wayne-Price, \$5.00. Clothes Baskets - Large assortment, all sizes, oval and square, 75c to \$1.75.

Clothes Hampers - Willow, very serviceable, \$1.75, \$2.25, \$2.75 each. Clothes Dryer-Plant it in the cente of the yard, opens and shuts like an umbrella and revolves; gives 30-yds. clothes space. Be sure to see this great convenience. With wood center post, \$5.00; with galvanized iron post, \$10.00.

Wash Beards-All good kinds, 10c to Clothes Lines-Galvanized iron, or in. cotton, 100 feet, price, 50c.

Bluing-Triple strength, Sc per quar Water Settler - Very effective, 10c box. Clothes Pins-Common, 6 dozen for 5c; with spring, per dozen, 5c and 10c,

20c to 40c each. Mrs. Potts' Sad Irons-Polished and nickel plated, 3-iron holder and stand, 85c, \$1.00, \$1.15 per set. Iron Holders-Cloth, asbestos lined.

Fluters-Hand, \$1,25 each. Fluting Machines—53.50 and 53.75. Laundry Stoves-Set up complete, from \$7.00 to \$15,00.

Wash Boilers-All copper, \$2.50, \$3.00 and \$3.50; heavy tin copper bottom. 75c to \$3.50. Ironing Boards-Selected wood, 50c to

Laundry Dryer.

10c each.

We are sole agents for St. Louis for the Peck-Williamson Laundry Dryer. One fire boils the water, heats the irons, dries the clothes and cooks the dinner. Clothes dried rapidly and without any discomfort. Convenient, economical, hygienic. Special sizes for homes, hotels and institutions.

show it to you. Door Mats and This rainy, sloppy weather Foot Scrapers is a trying time Comb and Brush Holder, \$2.00, \$2.75 to careful mothers; footprints of small muddy feet on hall carpet and stairway. Perhaps a few sug-

gestions will be helpful. Door Mats-Steel coil wire, three sizes, \$1.25, \$1.50 and \$2.50 each.

Door Mats-Cocoa fiber, three styles many sizes, some handsomely figured in darker colors; prices, 75c, \$1.00, \$1.25, up to \$3.50.

Foot Scrapers-Six styles, 5c to 35c. Street Brooms — Basswood, Tampico Were \$10.00, \$13.50, \$15.00 and \$30.00 fiber, for cleaning sidewalks, 75c. Now \$8.00, \$10.00, \$12.00 and \$25,00

Lenten Suggestions.

Fish Boiler-Oval shape; best granite-ware or heavy planished tin, removable, perforated tray to lift fish without breaking, also convenient for asparagus or ear corn, prices \$2.00, \$2.50, \$2.75, \$3.00.

Fish or Lobster Broiler - Double, heavy tinned woven wire, \$1.00. Fish Trowel or Lifter-Tinned steel and hardwood handle, 30c.

Fish Trowel-Elite ware, acid proof,

Special— Cake Pans.

This week we close out our stock of VAN DEUSEN cake pans. They require no greasing, portion of side is removable, permitting of passing of knife under the cake to oosen it. Strongly made of heavy tin; two sizes,

Round or square, were 25c, now 15c. Loaf, were 20c and 25c, new 10c and

Protect Your

Valuable Furs. This may be accomplished by packing them in a cedar chest or in a Japanese Tarine bag, which is absolutely moth proof. We quote prices on both of these seasonable articles, and shall be glad to show them to you. Cedar Chests-Size 25x25x54 inches,

\$12.00. apanese Tarine Bags - Absolutely moth proof; large enough for seal-skin coat; 3 sizes; prices 45c, 5ec, 75c.

Clothes Bars Folding, several styles Tarine Paper Sheets, 40x48 inches, 5c and sizes, 75c to \$1.25. sheet; one doz., Soc. Sad Irons-Polished and nickel plated. Tarine Paper-Sheets, 5x7 inches, to spread in layers between clothing in

trunks and drawers; destroys moths and fumigates the clothing; 100 in package, 25c.

Bath-Room Fixtures. A complete assortment of the latest convenient things for the bath room. ALL BRASS, HEAVILY NICKEL-PLATED; will not peel and rust as iron fixtures do.

Towel Rods-18, 24 and 30 in., 50c to Towel Racks-1, 2 and 3 arm, 60c, 75c, \$1.25 and \$2.75. Soap Holders. \$1, \$1.25, \$1.50 and

\$1.75 each.

Soap Dishes, 25c, 40c, 60c, 75c, up to \$1,75. Soap and Sponge Holders, \$3.25 and \$3.50 each. Tumbler Holders, 60c, \$1.00, \$1.50, \$2.00. ap, Tooth Brush and Tumbler Set,

\$3.50 and \$5. Sponge Holders, \$1.50, \$2.25, \$2.50 and \$3.50. We have one, set up complete, on Hanging Tub Seat, 3 styles, hardwood second floor, and will be glad to seat and nickel hanger, each \$1.50. Bath Sprays, with 6 feet of hose, \$1.50. \$1.75, \$2.00, up to \$4.00. Tooth-Brush Holders, 75c, \$1.25. \$1.50 and \$1.75.

> and \$6.50. Tollet-Paper Holders, 25c, 45c, 50c, up to \$1.25. Folding Various sizes and deco-rations, all perfect in

> Screens every way; but we

have only one or two of each kind, and make these prices to close out the entire line. Were \$4.00, \$5.00, \$6.00 and \$8.00 New \$2.50, \$3.50, \$4.50 and \$6.50

Sporting Goods Store.

Duck Boats Special Galvan- | Ping Pong. ized Ducking and Decoys.

Boats, with air

boat made: Price \$27.00. Grass Boat Blinds, price \$1.25. Grass Shooting Suits \$1.30. Decoys-Wood and Canvas-Our col-

chambers on front and sides. Very

lapsible decoys pack one dozen in a hox-easily carried in one hand. Prices \$2.75 to \$10.00 dozen. Duck Shells-Any desired charge, black or smokeless powder, 10, 12 or 16 ga.

Special Duck Gus-Full choked, bored for smokeless powder, well made and durable; \$12.50. Ithaca Shotguns. All more or less before the season opens we offer shop worn, but good as new otherwise. Take a look at them.

Manufacturers find it difficult to keep up with our orders for comlight, easily handled, the best duck we have just received a small supply of accessories, perhaps enough for 5 or 6 days, which we offer as follows:

Special-English pattern, double vel-

lum tournament rackets, \$1.50, \$2,

Special—Enough for a few days, ivory-color polished Ping Pong balls, 60c dozen.

\$2.50.

Baseball Players. We have a few salesmen's samples of Gloves, Catchers', Fielders' Salesmen's Samples—Bargains in I. ples of Gloves, Catchers', Fielders' C. Smith, Parker, Remington and and Basemen's Mits. To sell them

them half actual cost. Rubber Boots, Shooting Coats and Hats, Sweaters, Duck Calls, Gun lar price 50c to \$1.25. Your choice Cases, etc., etc.

2 O'Cleck Cooking Lessons. School Closes Wednesday. Three More Days.

..Denu.. Menday, Tuesday, Last lesson in Biscuits. Sponge and Butter Cakes.

Last day for

Fruit Cake.